

F 1 G. 1

VARIOUS TYPES OF SIGNAL TRANSFER

- SDH, PDH
- ETHERNET
- ATM
- IP PACKET
- MPLS PACKET
- PPP PACKET

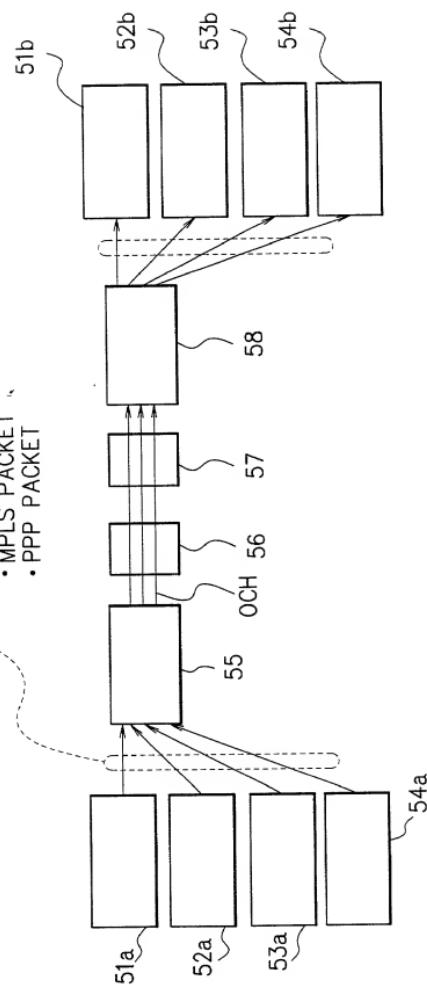
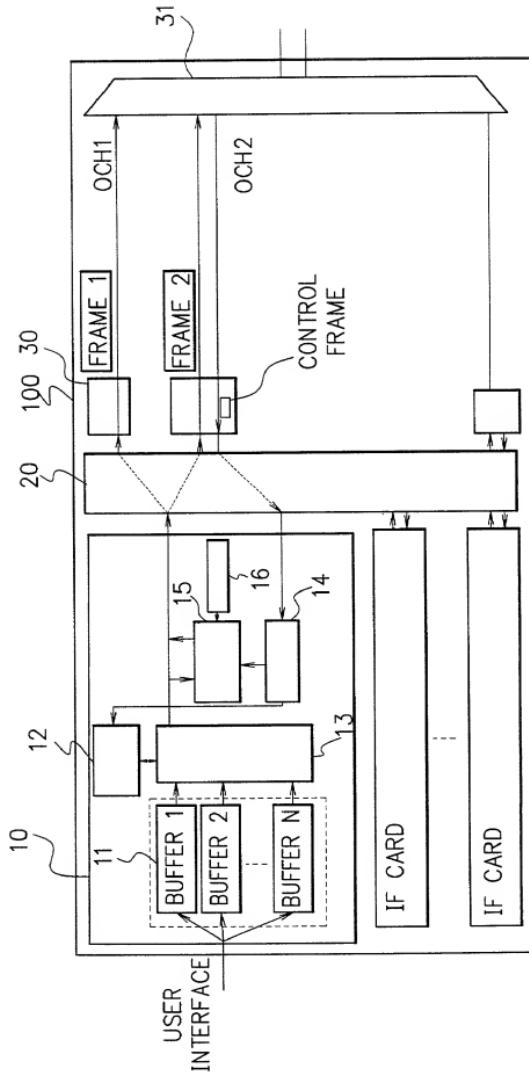
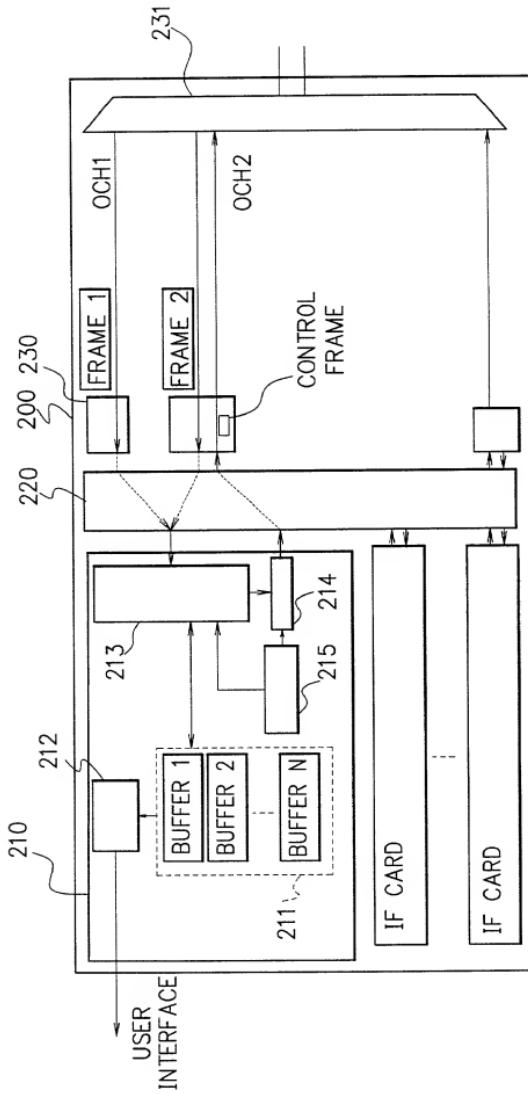


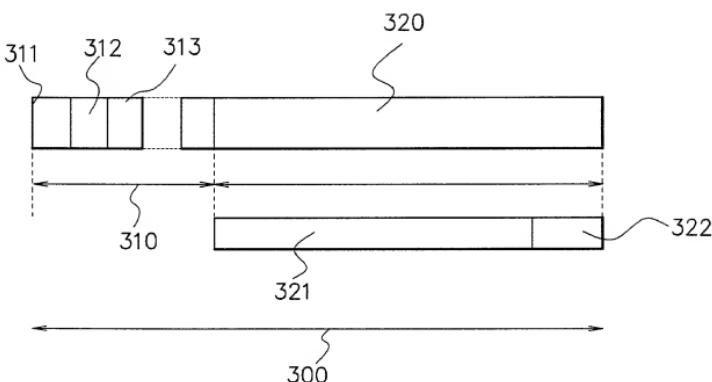
FIG. 2



F I G. 3



F I G. 4



ФИГ. 5

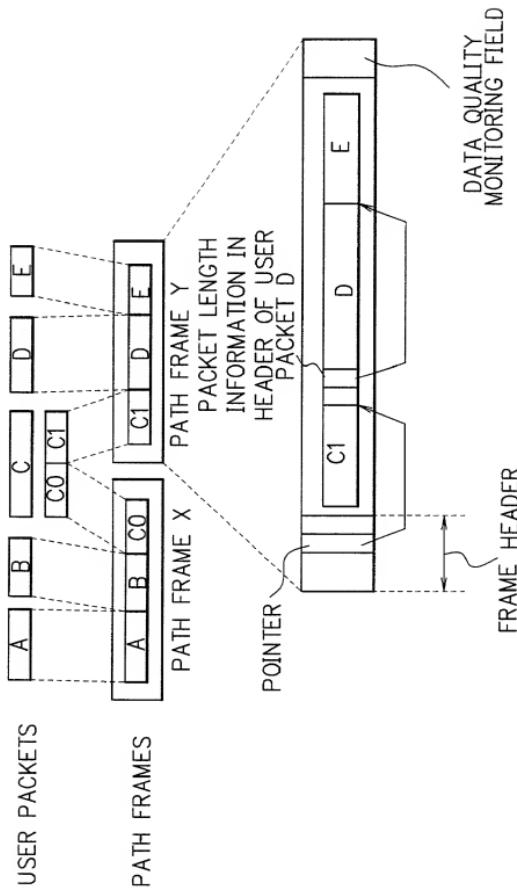
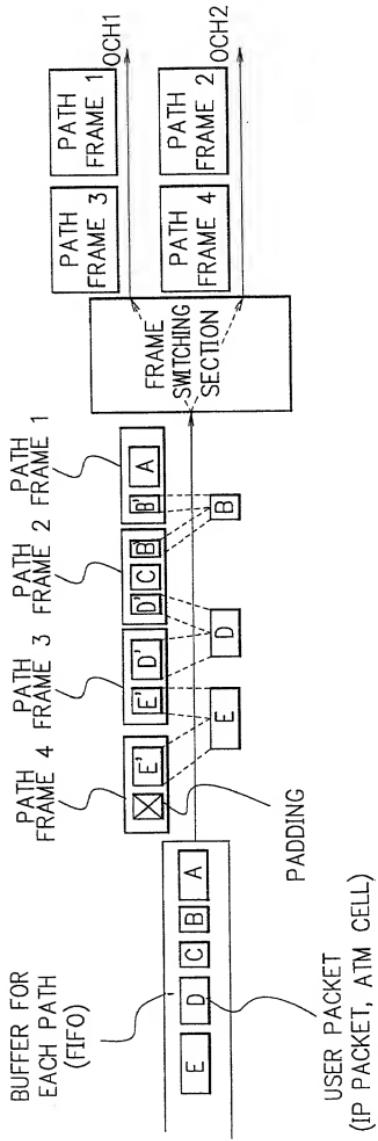
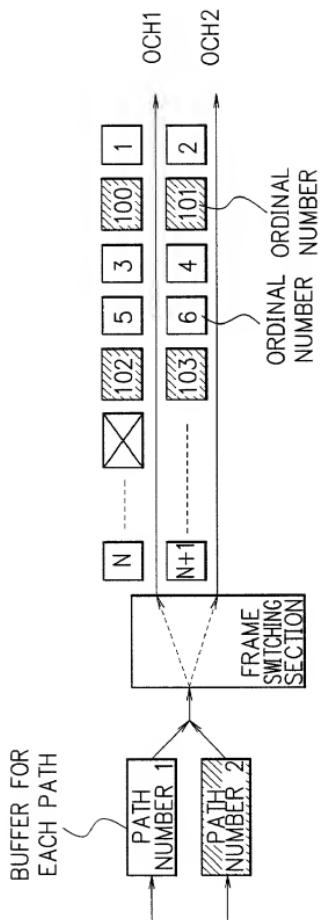


FIG. 6



F I G. 7



8 G.I.F.

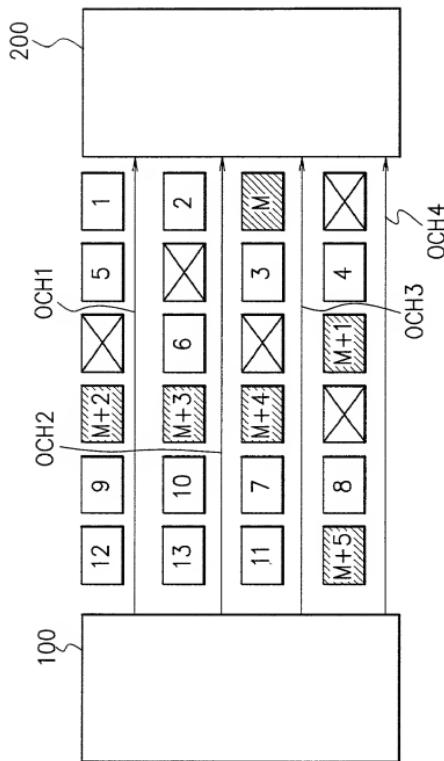


FIG. 9

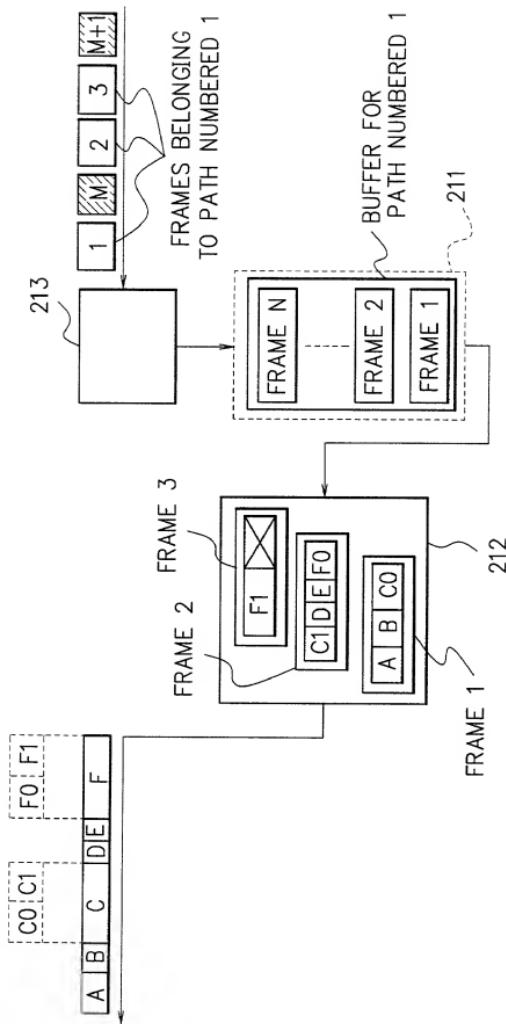


FIG. 10

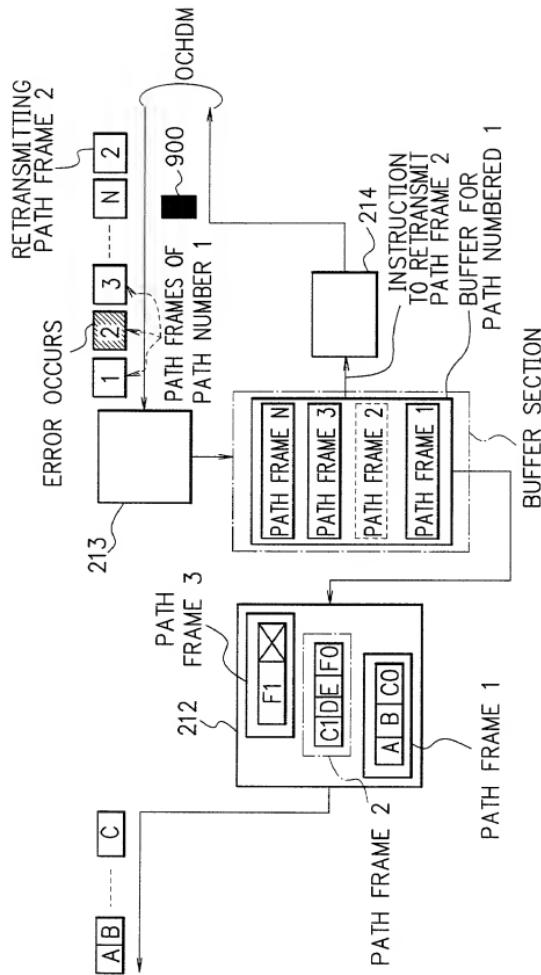


FIG. 11

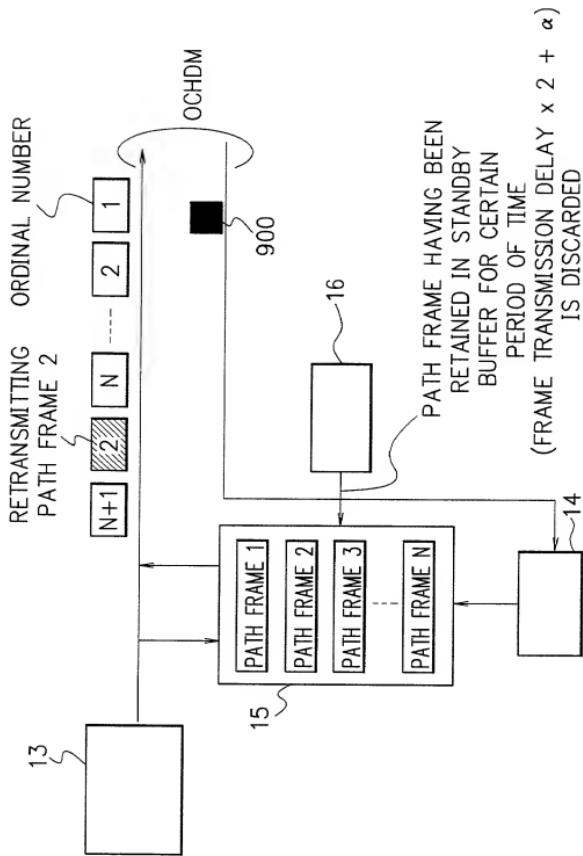
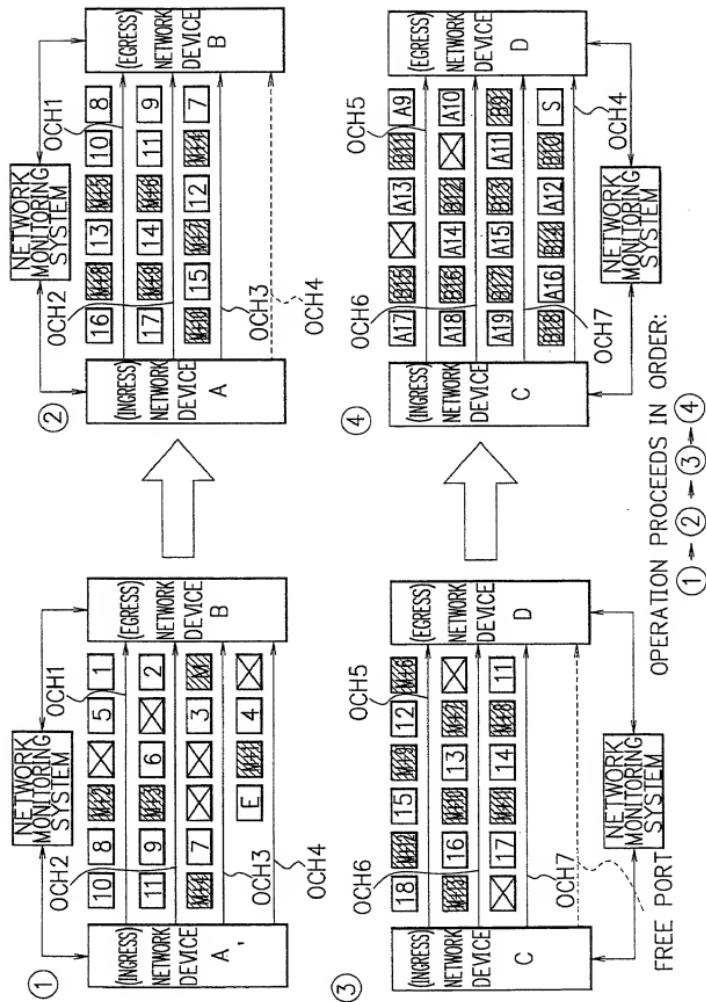
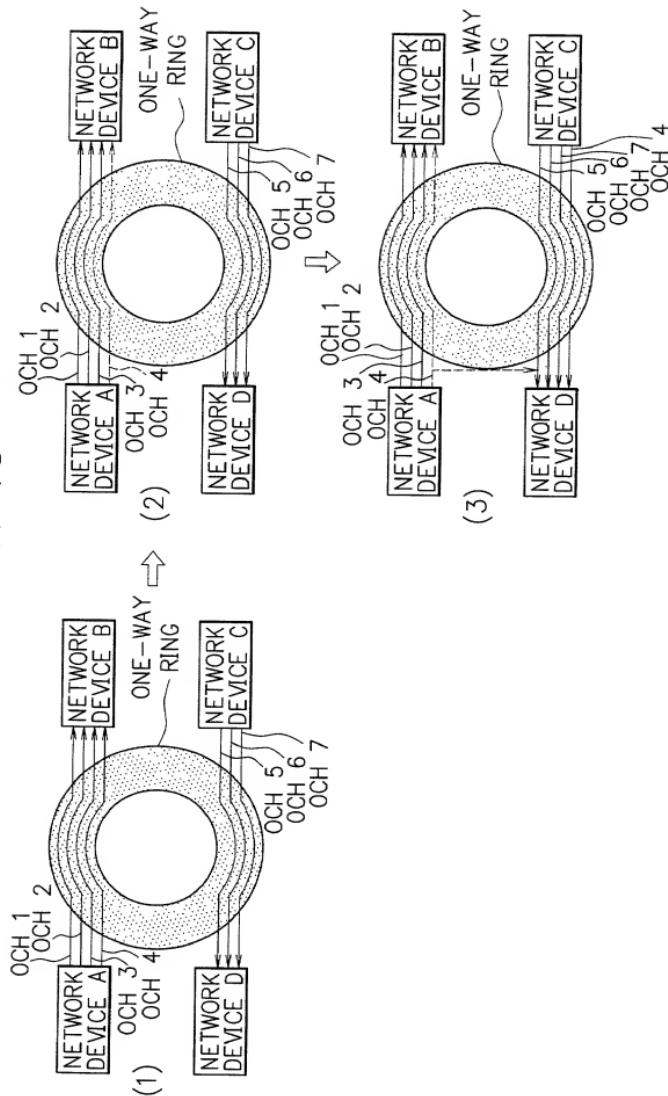


FIG. 12



F I G. 13



F 1 G. 14

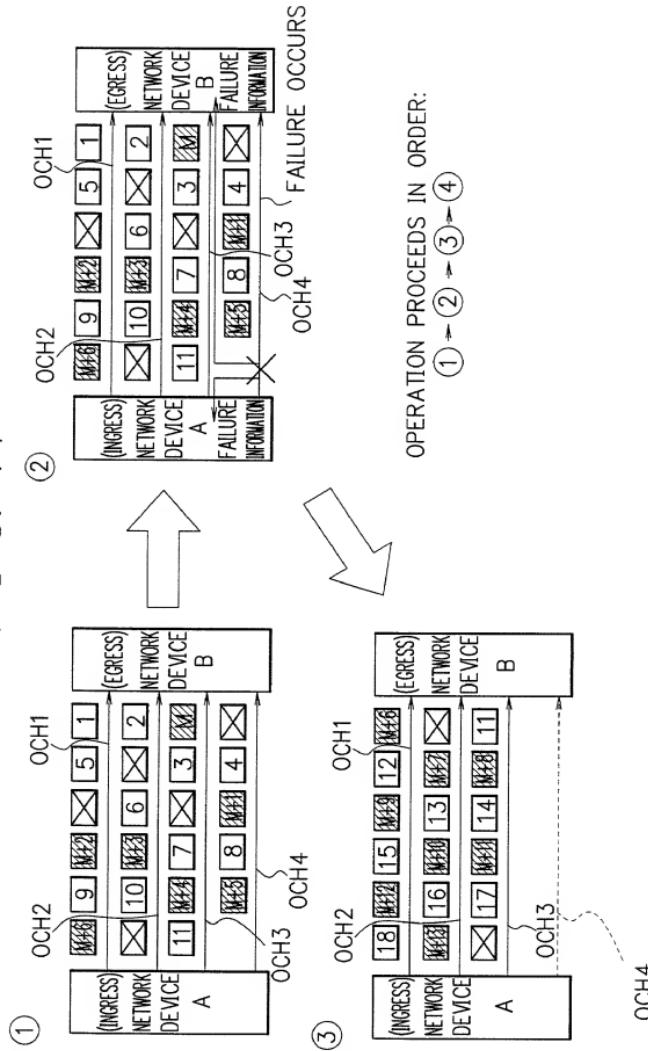


FIG. 15

PARAMETER LIST

REQUIRED DELAY TIME = T
 REQUIRED BAND = V
 VELOCITY OF OCH = R
 TRANSFER TIME ON OCH = τ
 CONTENTS OF DELAY AT POINTS ①-⑤
 ① = PATH FRAME LENGTH $\div V$
 ② = PATH FRAME LENGTH $\div R$
 ③ = τ
 ④ = PATH FRAME LENGTH $\div R$
 ⑤ = PATH FRAME LENGTH $\div V$
 NECESSARY CONDITION
 $T > ① + ② + ③ + ④ + ⑤$:

$$T > \tau + 2 \times \text{PATH FRAME LENGTH} \times (1/V + 1/R)$$

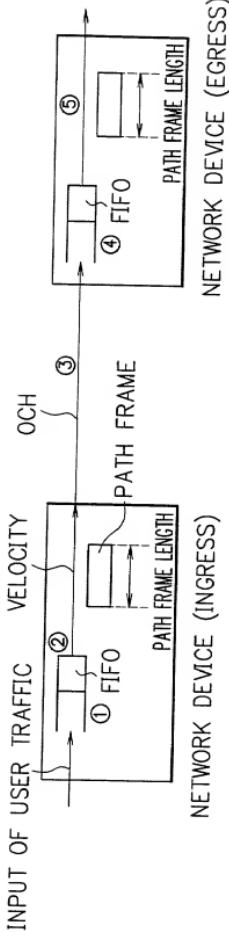


FIG. 16

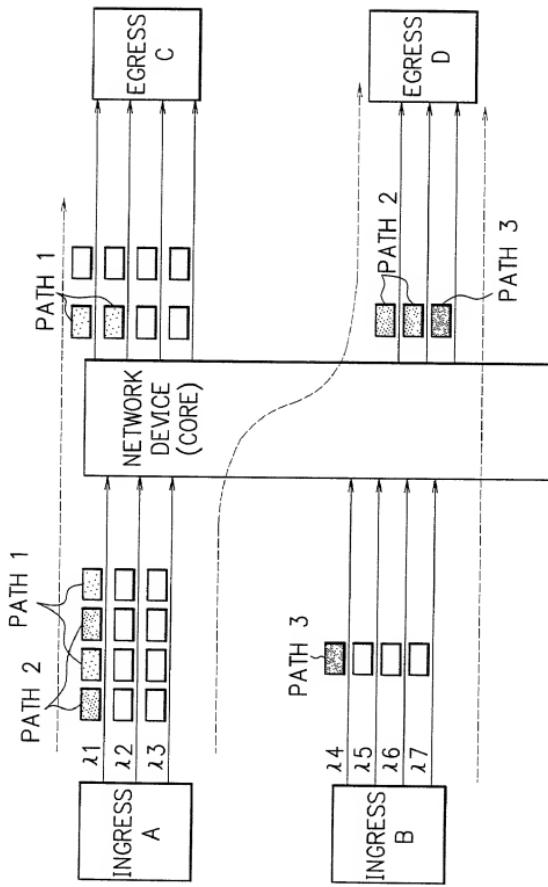


FIG. 17

